

**ENGINEERING AND LAND SURVEYING  
EXAMINING BOARD[193C]**

**Adopted and Filed**

Pursuant to the authority of Iowa Code section 542B.6, the Engineering and Land Surveying Examining Board hereby amends Chapter 3, “Application and Renewal Process,” and Chapter 4, “Engineering Licensure,” Iowa Administrative Code.

These amendments to Chapter 3 and Chapter 4 are necessitated by the transition to computer-based testing beginning in January 2014. Prior to publication of the Notice of Intended Action, stakeholder feedback was solicited via registered lobbyist David Scott, whose clients include the Iowa Engineering Society and the Society of Land Surveyors of Iowa. No negative feedback was received.

Notice of Intended Action was published in the Iowa Administrative Bulletin on December 25, 2013, as **ARC 1254C**. A public hearing was held on Wednesday, January 15, 2014, from 9 to 11 a.m. at the offices of the Professional Licensing Bureau, Des Moines, Iowa. No comments were received. These amendments are identical to those published under Notice of Intended Action.

These amendments were adopted by the Board on January 29, 2014.

These amendments are subject to waiver or variance pursuant to 193—Chapter 5.

After analysis and review of this rule making, no adverse impact on jobs has been found. Although there should be no impact on jobs, the Board will continue to work with stakeholders to minimize any negative impact and maximize any positive impact toward jobs.

These amendments are intended to implement Iowa Code section 542B.13.

These amendments will become effective March 26, 2014.

The following amendments are adopted.

ITEM 1. Amend subrule 3.2(1) as follows:

**3.2(1) *Fundamentals of Engineering examination application components and due dates.*** Applications for the Fundamentals of Engineering examination are submitted directly to the examination service selected by the board to administer the examinations, ~~and must be received on or before September 1 of each year for the examination given in the fall and on or before March 1 of each year for the examination given in the spring.~~ Applications from the following applicants are submitted on forms provided by the examination service: ~~any applicant who has an ABET/EAC or Canadian Engineering Accreditation Board (CEAB) accredited engineering degree; any applicant who is enrolled as a senior student in an ABET/EAC or CEAB accredited engineering curriculum; or any applicant who has a master’s degree in engineering from an institution in the United States with an accredited bachelor’s degree in the same curriculum.~~ Applicants who do not meet the criteria above must submit an application for approval to the board on forms provided by the board. ~~The components of this application include: the completed, notarized application form; references; and transcripts.~~

ITEM 2. Amend subrule 3.2(2) as follows:

**3.2(2) *Fundamentals of Land Surveying examination application components and due dates.*** The components of this application include: the completed, notarized application form; references pursuant to 193C—paragraph 5.1(5)“b”; and transcripts. Fundamentals of Land Surveying examination applications ~~require a detailed review and must, therefore, be submitted to the board office, postmarked on or before July 15 of each year for the examination given in the fall and on or before January 15 of each year for the examination given in the spring.~~ Examinations are offered during four two-month testing periods throughout the year. Applications must be postmarked on or before October 15 for the January/February window, February 15 for the April/May window, April 15 for the July/August window, and August 15 for the October/November window.

ITEM 3. Amend subparagraph **4.1(1)“a”(1)** as follows:

(1) If an applicant did not graduate from an Accreditation Board of Engineering and Technology/Engineering Accreditation Commission (ABET/EAC) ~~or Canadian Engineering~~

Accreditation Board (CEAB) ~~approved~~ approved ~~accredited~~ curriculum, the applicant must also complete, in addition to the engineering degree, a one extra year of practical experience satisfactory to the board after receiving the engineering degree and ~~prior to taking the Fundamentals of Engineering examination.~~

ITEM 4. Amend subrule 4.1(2) as follows:

**4.1(2)** Second, the applicant must successfully complete the Fundamentals of Engineering examination (FE exam).

*a.* An applicant may take the ~~Fundamentals of Engineering examination~~ FE exam any time after the educational requirements as specified above are completed, but the applicant must successfully complete the ~~Fundamental of Engineering examination~~ FE exam prior to taking the Principles and Practice of Engineering examination.

*b.* College seniors studying an ABET/EAC\_ or CEAB ~~approved~~ approved ~~accredited~~ curriculum may take the ~~Fundamentals of Engineering examination~~ FE exam during the final academic year. Applicants will be permitted to take the examination during the testing period which most closely precedes anticipated graduation. ~~However, an official transcript from the applicant's college or university verifying that the applicant graduated must be sent by the registrar to the board office before an applicant's examination results will be released.~~

*c.* An applicant who graduated from a satisfactory engineering program and has 25 years or more of work experience satisfactory to the board shall not be required to take the ~~Fundamentals of Engineering examination~~ FE exam.

*d.* An applicant who has earned a Doctor of Philosophy degree from an institution in the United States of America with an accredited Bachelor of Science engineering degree program in the same discipline, or a similar doctoral degree in a discipline approved by the board, shall not be required to take the ~~Fundamentals of Engineering examination~~ FE exam.

*e.* Commencing with the computer-based FE exams in 2014, all FE exam candidates will apply directly to the National Council of Examiners for Engineering and Surveying (NCEES) and will self-attest as to the candidate's eligibility to sit for the FE exam. At that time, NCEES will cease its prior practice of receiving and verifying college transcripts for candidates with ABET/EAC- or CEAB-accredited engineering degrees and for candidates in their senior years of such programs. The board will also cease its practice of processing FE exam applications for those candidates who hold engineering degrees from nonaccredited programs who must have one year of experience in order for the degrees to be accepted by the board. The board will instead verify acceptable education and experience at the time an applicant applies to sit for the Principles and Practice of Engineering examination or applies for an Engineer Intern (EI) number. The board shall apply the education and experience standards set forth in this rule, but will allow reasonable flexibility in timing in the event an applicant sat for and passed the FE exam at a point earlier than provided in this rule. The board will not, however, issue an EI number unless all required experience has been satisfied at the time of the EI application.

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EDITOR'S NOTE: For replacement pages for IAC, see IAC Supplement 2/19/14.